

0590  
1009

ENTERED



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/052,323

DATE: 10/11/2002

TIME: 08:29:04

Input Set : N:\jumbos\huge\10052323.raw.TXT

Output Set: N:\CRF4\10112002\J052323.raw

#7

3 <110> APPLICANT: UAB Research Foundation  
 4 Tang, De-chu C.  
 5 Marks, Donald H.  
 6 Curiel, David T.  
 7 Shi, Zhongkai  
 8 Van Kampen, Kent Rigby

10 <120> TITLE OF INVENTION: Immunization of Animals by Topical Application of a  
 Salmonella-based Vector

12 <130> FILE REFERENCE: 858610-2003.2  
 14 <140> CURRENT APPLICATION NUMBER: 10/052,323

C--> 15 <141> CURRENT FILING DATE: 2002-09-27

17 <150> PRIOR APPLICATION NUMBER: 09/563,826  
 18 <151> PRIOR FILING DATE: 2000-05-03  
 20 <150> PRIOR APPLICATION NUMBER: 60/132,216  
 21 <151> PRIOR FILING DATE: 1999-05-03  
 23 <150> PRIOR APPLICATION NUMBER: 09/533,149  
 24 <151> PRIOR FILING DATE: 2000-03-23  
 26 <150> PRIOR APPLICATION NUMBER: 60/055,520  
 27 <151> PRIOR FILING DATE: 1997-08-13  
 29 <150> PRIOR APPLICATION NUMBER: 60/075,113  
 30 <151> PRIOR FILING DATE: 1998-02-11  
 32 <150> PRIOR APPLICATION NUMBER: 09/402,527  
 33 <151> PRIOR FILING DATE: 1999-10-05  
 35 <150> PRIOR APPLICATION NUMBER: PCT/US98/16739  
 36 <151> PRIOR FILING DATE: 1998-08-13  
 38 <160> NUMBER OF SEQ ID NOS: 12  
 40 <170> SOFTWARE: PatentIn version 3.1  
 42 <210> SEQ ID NO: 1  
 43 <211> LENGTH: 20  
 44 <212> TYPE: DNA  
 45 <213> ORGANISM: Artificial Sequence  
 47 <220> FEATURE:  
 48 <223> OTHER INFORMATION: Primer used to amplify DNA  
 50 <400> SEQUENCE: 1  
 51 atgaaggcaa acctactggt  
 54 <210> SEQ ID NO: 2  
 55 <211> LENGTH: 20  
 56 <212> TYPE: DNA  
 57 <213> ORGANISM: Artificial Sequence  
 59 <220> FEATURE:  
 60 <223> OTHER INFORMATION: Primer used to amplify DNA  
 62 <400> SEQUENCE: 2  
 63 gatgcatatt ctgcactgca  
 66 <210> SEQ ID NO: 3

20

20

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/052,323

DATE: 10/11/2002

TIME: 08:29:04

Input Set : N:\jumbos\huge\10052323.raw.TXT  
Output Set: N:\CRF4\10112002\J052323.raw

67 <211> LENGTH: 20  
68 <212> TYPE: DNA  
69 <213> ORGANISM: Artificial Sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: Primer used to amplify DNA  
74 <400> SEQUENCE: 3  
75 gtgggggtatt catcacccgt  
78 <210> SEQ ID NO: 4 20  
79 <211> LENGTH: 20  
80 <212> TYPE: DNA  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Primer used to amplify DNA  
86 <400> SEQUENCE: 4  
87 tgcatagcct gatccctgtt  
90 <210> SEQ ID NO: 5 20  
91 <211> LENGTH: 20  
92 <212> TYPE: DNA  
93 <213> ORGANISM: Artificial Sequence  
95 <220> FEATURE:  
96 <223> OTHER INFORMATION: Primer used to amplify DNA  
98 <400> SEQUENCE: 5  
99 gcgccattct atcctctaga  
102 <210> SEQ ID NO: 6 20  
103 <211> LENGTH: 20  
104 <212> TYPE: DNA  
105 <213> ORGANISM: Artificial Sequence  
107 <220> FEATURE:  
108 <223> OTHER INFORMATION: Primer used to amplify DNA  
110 <400> SEQUENCE: 6  
111 acaatttgga ctttccgccc  
114 <210> SEQ ID NO: 7 20  
115 <211> LENGTH: 20  
116 <212> TYPE: DNA  
117 <213> ORGANISM: Artificial Sequence  
119 <220> FEATURE:  
120 <223> OTHER INFORMATION: Primer used to amplify DNA  
122 <400> SEQUENCE: 7  
123 gtaccagagt ctttgatcg  
126 <210> SEQ ID NO: 8 20  
127 <211> LENGTH: 20  
128 <212> TYPE: DNA  
129 <213> ORGANISM: Artificial Sequence  
131 <220> FEATURE:  
132 <223> OTHER INFORMATION: Primer used to amplify DNA  
134 <400> SEQUENCE: 8  
135 ccctcgggtg taatcagaat  
138 <210> SEQ ID NO: 9 20  
139 <211> LENGTH: 20

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/052,323

DATE: 10/11/2002  
TIME: 08:29:04Input Set : N:\jumbos\huge\10052323.raw.TXT  
Output Set: N:\CRF4\10112002\J052323.raw

140 <212> TYPE: DNA  
141 <213> ORGANISM: Artificial Sequence  
143 <220> FEATURE:  
144 <223> OTHER INFORMATION: Primer used to amplify DNA  
146 <400> SEQUENCE: 9  
147 ccgtctgaag ataccttcaa  
150 <210> SEQ ID NO: 10 20  
151 <211> LENGTH: 20  
152 <212> TYPE: DNA  
153 <213> ORGANISM: Artificial Sequence  
155 <220> FEATURE:  
156 <223> OTHER INFORMATION: Primer used to amplify DNA  
158 <400> SEQUENCE: 10  
159 accagtccca tgaaaatgac  
162 <210> SEQ ID NO: 11 20  
163 <211> LENGTH: 20  
~~164 <212> TYPE: DNA~~  
165 <213> ORGANISM: Artificial Sequence  
167 <220> FEATURE:  
168 <223> OTHER INFORMATION: Primer used to amplify DNA  
170 <400> SEQUENCE: 11  
171 ggctcctttg catgtaacag  
174 <210> SEQ ID NO: 12 20  
175 <211> LENGTH: 20  
176 <212> TYPE: DNA  
177 <213> ORGANISM: Artificial Sequence  
179 <220> FEATURE:  
180 <223> OTHER INFORMATION: Primer used to amplify DNA  
182 <400> SEQUENCE: 12  
183 cctactgtaa tggcacctgt 20

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/052,323

DATE: 10/11/2002  
TIME: 08:29:05

Input Set : N:\jumbos\huge\10052323.raw.TXT  
Output Set: N:\CRF4\10112002\J052323.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/052,323

DATE: 10/11/2002  
TIME: 08:29:05

Input Set : N:\jumbos\huge\10052323.raw.TXT  
Output Set: N:\CRF4\10112002\J052323.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date